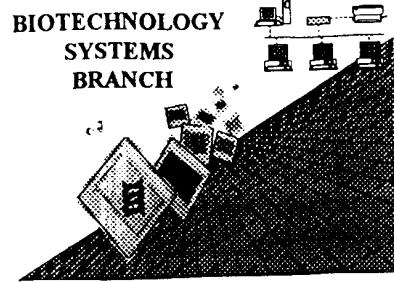


RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/901,996
Source: OIPE
Date Processed by STIC: 7/25/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/901,996

DATE: 07/25/2001
TIME: 14:11:53

Input Set : A:\BMID 9809US.ST25.txt
Output Set: N:\CRF3\07252001\I901996.raw

Jyjz 1-3

Does Not Comply
with 37 CFR 1.84(d)

3 <110> APPLICANT: Dwulet, Francis
 4 McCarthy, Robert
 5 Balgobin, Neil
 7 <120> TITLE OF INVENTION: ENZYME/TAG BINDING AND DETECTION SYSTEM
 9 <130> FILE REFERENCE: BMID 9809US
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/901,996
 C--> 11 <141> CURRENT FILING DATE: 2001-07-10
 11 <160> NUMBER OF SEQ ID NOS: 13
 13 <170> SOFTWARE: PatentIn version 3.0
 15 <210> SEQ ID NO: 1
 16 <211> LENGTH: 10
 17 <212> TYPE: PRT
 18 <213> ORGANISM: mammalian
 20 <220> FEATURE:
 21 <221> NAME/KEY: misc_feature
 22 <222> LOCATION: (4)..(4) the nucleotide at this position can be lysine or arginine
 23 <223> OTHER INFORMATION: the nucleotide at this position can be glycine or alanine
 26 <220> FEATURE:
 27 <221> NAME/KEY: misc_feature
 28 <222> LOCATION: (5)..(5) the nucleotide at this position can be arginine, glycine or
 29 <223> OTHER INFORMATION: the nucleotide at this position can be proline or threonine
 32 <220> FEATURE:
 33 <221> NAME/KEY: misc_feature
 34 <222> LOCATION: (6)..(6) the nucleotide at this position can be asparagine or glycine
 35 <223> OTHER INFORMATION: the nucleotide at this position can be lysine or arginine
 serin Serine
 39 <400> SEQUENCE: 1
 40 Gly Pro Cys Xaa Xaa Xaa Phe Ile Arg Tyr
 W--> 41 5 10
 42 1
 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 11
 46 <212> TYPE: PRT
 47 <213> ORGANISM: mammalian
 49 <220> FEATURE:
 50 <221> NAME/KEY: misc_feature
 51 <222> LOCATION: (1)..(1) the nucleotide at this position can be asparagine or glycine
 52 <223> OTHER INFORMATION: the nucleotide at this position can be proline or threonine
 55 <220> FEATURE:
 56 <221> NAME/KEY: misc_feature
 57 <222> LOCATION: (4)..(4) the nucleotide at this position can be lysine or arginine
 58 <223> OTHER INFORMATION: the nucleotide at this position can be glycine or alanine
 61 <220> FEATURE:
 62 <221> NAME/KEY: misc_feature
 63 <222> LOCATION: (5)..(5) the nucleotide at this position can be lysine or arginine
 64 <223> OTHER INFORMATION: the nucleotide at this position can be glycine or alanine
 67 <220> FEATURE:
 68 <221> NAME/KEY: misc_feature
 69 <222> LOCATION: (8)..(8)

7/25/01

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/901,996

DATE: 07/25/2001
TIME: 14:11:53

Input Set : A:\BMID 9809US.ST25.txt
Output Set: N:\CRF3\07252001\I901996.raw

70 <223> OTHER INFORMATION: the nucleotide at this position can be asparagine or aspartate
 73 <400> SEQUENCE: 2
 W--> 75 Xaa Gly Cys Xaa Xaa Ile Tyr Xaa Pro Val Cys 10
 76 1 5
 77 <210> SEQ ID NO: 3
 78 <211> LENGTH: 9
 80 <212> TYPE: PRI
 81 <213> ORGANISM: snake venom
 83 <220> FEATURE:
 84 <221> NAME/KEY: misc_feature
 85 <222> LOCATION: (2)..(2)
 86 <223> OTHER INFORMATION: the nucleotide at this position can be arginine or leucine
 89 <400> SEQUENCE: 3
 W--> 91 Gly Xaa Cys Lys Ala His Ile Pro Arg 5
 92 1
 94 <210> SEQ ID NO: 4
 95 <211> LENGTH: 9
 96 <212> TYPE: PRI
 97 <213> ORGANISM: plant protease inhibitors
 99 <220> FEATURE:
 100 <221> NAME/KEY: misc_feature
 101 <222> LOCATION: (1)..(1)
 102 <223> OTHER INFORMATION: the nucleotide at this position can be arginine or proline
 105 <220> FEATURE:
 106 <221> NAME/KEY: misc_feature
 107 <222> LOCATION: (2)..(2)
 108 <223> OTHER INFORMATION: the nucleotide at this position can be leucine or proline
 111 <220> FEATURE:
 112 <221> NAME/KEY: misc_feature
 113 <222> LOCATION: (4)..(4)
 114 <223> OTHER INFORMATION: the nucleotide at this position can be isoleucine or serine
 117 <220> FEATURE:
 118 <221> NAME/KEY: misc_feature
 119 <222> LOCATION: (5)..(5)
 120 <223> OTHER INFORMATION: the nucleotide at this position can be threonine or arginine
 123 <400> SEQUENCE: 4
 W--> 125 Xaa Xaa Arg Xaa Xaa Phe Ile Pro Asp 5
 126 1
 128 <210> SEQ ID NO: 5
 129 <211> LENGTH: 11
 130 <212> TYPE: PRT
 131 <213> ORGANISM: plant protease inhibitors
 133 <220> FEATURE:
 134 <221> NAME/KEY: misc_feature
 135 <222> LOCATION: (5)..(5)
 136 <223> OTHER INFORMATION: the nucleotide at this position can be lysine or arginine
 139 <400> SEQUENCE: 5
 W--> 141 Cys Ile Cys Thr Xaa Ser Ile Pro Pro Gln Cys 10
 142 1 5

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/901,996

DATE: 07/25/2001
TIME: 14:11:53

Input Set : A:\BMID 9809US.ST25.txt
Output Set: N:\CRF3\07252001\I901996.raw

144 <210> SEQ ID NO: 6
 145 <211> LENGTH: 10
 146 <212> TYPE: PRT
 147 <213> ORGANISM: bird egg white trypsin inhibitors
 149 <220> FEATURE:
 150 <221> NAME/KEY: misc_feature
 151 <222> LOCATION: (4)..(4)
 152 <223> OTHER INFORMATION: the nucleotide at this position can be lysine or arginine
 155 <220> FEATURE:
 156 <221> NAME/KEY: misc_feature
 157 <222> LOCATION: (7)..(7)
 158 <223> OTHER INFORMATION: the nucleotide at this position can be serine or lysine
 161 <400> SEQUENCE: 6
 161 <400> SEQUENCE: 6
 W--> 163 Val Ala Cys Xaa Ile Leu Xaa Pro Val Cys
 164 1 5 10
 166 <210> SEQ ID NO: 7
 167 <211> LENGTH: 10
 168 <212> TYPE: PRT
 169 <213> ORGANISM: bovine basic pancreatic trypsin inhibitor
 171 <400> SEQUENCE: 7
 171 <400> SEQUENCE: 7
 173 Gly Pro Ser Lys Ala Arg Ile Ile Arg Tyr
 174 1 5 10
 176 <210> SEQ ID NO: 8
 177 <211> LENGTH: 10
 178 <212> TYPE: PRT
 179 <213> ORGANISM: Soybean Kunitz protease inhibitor
 181 <400> SEQUENCE: 8
 181 <400> SEQUENCE: 8
 183 Ser Pro Tyr Arg Ile Arg Phe Ile Ala Glu
 184 1 5 10
 186 <210> SEQ ID NO: 9
 187 <211> LENGTH: 10
 188 <212> TYPE: PRT
 189 <213> ORGANISM: Soybean Bowman-Birk protease inhibitor
 191 <400> SEQUENCE: 9
 191 <400> SEQUENCE: 9
 193 Ala Ser Thr Lys Ser Asn Pro Pro Gln Ser
 194 1 5 10
 196 <210> SEQ ID NO: 10
 197 <211> LENGTH: 10
 198 <212> TYPE: PRT
 199 <213> ORGANISM: Sand Viper venom protease inhibitor
 201 <400> SEQUENCE: 10
 201 <400> SEQUENCE: 10
 203 Gly Arg Ser Lys Ala His Ile Pro Arg Phe
 204 1 5 10
 206 <210> SEQ ID NO: 11
 207 <211> LENGTH: 10
 208 <212> TYPE: PRT
 209 <213> ORGANISM: Bovine secretory protease
 211 <400> SEQUENCE: 11
 211 <400> SEQUENCE: 11
 213 Gly Ser Pro Arg Ile Tyr Asn Pro Val Ser

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/901,996

DATE: 07/25/2001
TIME: 14:11:53

Input Set : A:\BMID 9809US.ST25.txt
Output Set: N:\CRF3\07252001\I901996.raw

10
214 1 5
216 <210> SEQ ID NO: 12
217 <211> LENGTH: 10
218 <212> TYPE: PRT
219 <213> ORGANISM: Chicken ovomucoid domain 3 protease
221 <400> SEQUENCE: 12
222 Val Ala Ser Arg Ile Leu Ser Pro Val Ser 10
223 Val Ala Ser Arg Ile Leu Ser Pro Val Ser 5
224 1
226 <210> SEQ ID NO: 13
227 <211> LENGTH: 10
228 <212> TYPE: PRT
229 <213> ORGANISM: Chicken ovomucoid domain 4 protease
231 <400> SEQUENCE: 13
232 Val Ala Ser Arg Ile Leu Leu Pro Val Ser 10
233 Val Ala Ser Arg Ile Leu Leu Pro Val Ser 5
234 1

7/25/01

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/901,996

DATE: 07/25/2001
TIME: 14:11:54

Input Set : A:\BMID 9809US.ST25.txt
Output Set: N:\CRF3\07252001\I901996.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6